MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

MARCH 1922

J. A. BROWN, DIRECTOR

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MARCH 1922

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sun shine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min.on grass		
1	768.1	768.4	768.3	768.3	15.1	6.6			
2	7.7	5.5	5.3	6.2	16.6	10.5			
3	2.2	1.9	2.3	2.1	19.4	12.6			1.02
4	4.8	5.6	6.4	5.6	15.1	11.2			0.25
5	5.0	2.6	1.7	3.1	16.8	10.8	—	—	—
6	57.7	57.8	59.3	58.3	17.8	12.7			
7	60.5	60.4	61.9	60.9	17.7	9.9			11.68
8	4.5	5.5	6.5	5.5	16.5	7.8			24.12
9	8.3	7.9	8.4	8.2	17.9	11.3			
10	9.4	8.6	8.9	9.0	17.7	12.5	—	—	—
11	9.1	8.3	8.5	8.6	18.2	11.7			
12	7.9	6.6	6.4	7.0	17.4	12.2			
13	4.6	1.9	2.2	2.9	18.2	13.5			
14	1.3	0.8	0.8	1.0	18.4	13.9			
15	2.2	2.5	3.0	2.6	19.4	13.3	—	—	—
16	4.2	4.0	4.0	4.1	19.7	12.8			
17	2.9	1.6	0.6	1.7	18.8	13.9			
18	59.2	58.2	58.4	58.6	19.3	12.4			
19	7.8	7.9	9.5	8.4	19.2	12.4			0.76
20	62.3	62.8	63.8	63.0	18.5	12.3	—	—	14.47
21	6.4	6.2	6.6	6.4	17.8	11.8			
22	6.6	6.0	6.3	6.3	18.4	11.9			
23	6.4	5.7	5.5	5.9	18.3	13.3			
24	4.4	6.5	4.2	5.0	20.3	15.6			
25	2.6	1.2	1.1	1.6	23.2	15.5	—	—	—
26	59.9	59.0	59.6	59.5	27.0	18.1			
27	60.7	60.2	9.9	60.3	25.1	18.0			
28	57.0	55.4	6.5	56.3	22.2	16.7			
29	61.4	61.3	62.3	61.7	21.5	15.2			
30	3.7	3.3	3.3	3.4	20.2	13.4			
31	4.3	3.3	3.4	3.7	20.4	13.4	—	—	—
	763.6	763.1	763.4	763.4	19.1	12.8			52.3

BAROMETER

Maximum	769.4	on 10th
Minimum	755.4	on 28th

THERMOMETER

Maximum	27.0	on 26th
Minimum	6.6	on 1st
Minimum on grass		on

RAINFALL

Maximum 24.12 mm. on 8th

Number of days with rain 6 thunderstorms 0 fog 0 gale 0

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Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	13.8	14.6	13.7	14.0	9.8	10.0	9.3	7.0	6.9	6.7	6.9	60	56	57	58
2	14.1	16.1	14.0	14.7	10.6	12.4	10.8	7.7	8.7	7.9	8.1	64	64	66	65
3	16.7	14.4	13.3	14.8	12.4	11.6	11.3	8.5	8.6	8.8	8.6	60	71	77	69
4	13.7	15.5	12.3	13.8	11.6	11.6	9.6	8.9	8.1	7.4	8.1	76	63	69	69
5	14.9	16.2	15.2	15.4	10.1	12.6	12.7	6.9	8.9	9.5	8.4	53	65	74	64
6	17.3	14.1	12.7	14.7	12.1	11.1	11.1	7.8	8.2	8.9	8.3	54	68	81	68
7	13.9	17.0	12.6	14.5	12.7	13.5	11.1	10.2	9.5	9.0	9.6	86	67	83	79
8	14.0	15.7	14.4	14.7	10.6	11.7	12.1	7.7	8.1	9.2	8.3	65	61	75	67
9	15.5	17.1	15.7	16.1	11.4	13.9	13.2	7.9	9.9	9.9	9.2	61	68	74	68
10	16.0	17.2	15.0	16.1	12.6	14.6	12.9	8.7	10.7	9.8	9.7	63	73	77	71
11	15.7	17.5	14.6	15.9	13.2	13.6	12.8	9.8	9.4	9.9	9.7	74	63	80	72
12	15.7	16.9	15.0	15.9	13.3	14.4	13.4	9.9	10.6	10.5	10.3	75	75	83	78
13	16.5	17.7	16.5	16.9	14.7	15.7	15.6	11.4	12.0	12.5	12.0	81	80	90	84
14	17.4	18.2	15.9	17.2	14.7	15.8	15.2	10.7	11.9	12.3	11.6	72	77	92	80
15	16.6	19.3	15.0	17.0	14.9	16.4	14.2	11.6	12.0	11.6	11.7	82	72	92	82
16	16.3	18.8	14.7	16.6	13.4	16.2	13.7	9.6	11.9	11.1	10.9	70	75	89	78
17	17.1	18.2	16.1	17.1	15.1	15.4	13.8	11.5	11.3	10.3	11.0	79	73	76	76
18	17.3	18.6	16.3	17.4	14.9	15.7	14.0	11.1	11.4	10.5	11.0	75	72	76	74
19	17.0	18.5	15.0	16.8	13.3	14.9	13.5	9.2	10.4	10.6	10.1	65	66	84	72
20	16.8	18.3	14.1	16.4	12.9	12.5	10.9	8.9	7.9	8.1	8.3	62	50	67	60
21	16.3	17.4	13.9	15.8	12.2	12.3	11.0	8.4	7.9	8.2	8.2	60	54	69	61
22	16.5	17.6	15.7	16.6	12.5	14.1	13.3	8.6	9.8	10.0	9.5	62	66	75	68
23	16.6	17.3	16.7	16.9	13.9	14.9	15.5	10.2	11.1	12.3	11.2	72	75	87	78
24	18.2	19.3	17.6	18.4	16.0	17.1	15.6	12.1	13.0	11.7	12.3	78	78	77	78
25	19.8	20.4	22.1	20.8	17.0	18.2	14.7	12.5	13.9	8.6	11.7	72	74	43	63
26	23.0	22.1	20.9	22.0	16.0	16.3	16.6	9.7	10.5	11.4	10.5	46	53	62	54
27	23.9	20.3	17.2	20.5	17.7	17.0	15.7	11.3	12.2	11.8	11.8	51	69	77	66
28	19.7	21.7	17.8	19.7	16.3	18.6	17.1	11.7	13.7	14.0	13.1	68	71	92	77
29	19.2	20.7	17.1	19.0	17.2	18.3	15.6	13.2	13.9	12.1	13.1	80	77	83	80
30	18.2	19.9	16.1	18.1	15.6	14.6	13.3	11.5	9.3	9.7	10.2	74	53	72	66
31	18.1	19.8	15.6	17.8	14.8	14.9	13.3	10.6	9.8	10.0	10.1	69	57	76	67
	17.0	17.9	15.8	16.8	13.7	13.9	13.6	9.8	10.4	10.1	10.1	68	67.3	76.6	70.1

Height of Barometer above sea level : 33.7 meters.

„ „ Thermometers above ground :

Dry and wet 1.55 m. ; Max. 1.75 m. ; Min. 1.70 m.

Height of Rain Guage : above ground 0.56 m. ; above sea level m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	0	0	0	0	0	Ine	2ne	98.2	calm	
2	0	0	0	0	Ine	0	0	207.6	,,	
3	8cu n	10n	9n	9.0	2sw	2sw	0	144.3	v. Slight	
4	10cu n	0	0	3.3	0	0	0	63.4	,,	
5	0	0	0	0	0	In	2n	271.9	calm	
6	10cu n	10n	10n	10	0	Isw	2n	354.0	v. Slight	Few drops in p.m.
7	0	0	10n	3.3	0	Isw	2n	167.0	calm	
8	0	2cu	0	0.7	Isw	In	0	228.9	,,	
9	0	0	0	0	0	0	0	168.9	,,	
10	0	0	0	0	0	In	0	155.0	,,	Dew at night
11	0	0	10cu	3.3	0	In	0	98.7	,,	,, ,, ,,
12	3s	10n s	0	4.3	In	2n	In	118.0	v. Slight	
13	0	0	0	0	2n	2ne	2n	363.3	,,	,, ,, ,,
14	0	3s	0	1.0	0	2n	0	261.7	calm	
15	0	2cu	0	0.7	0	Isw	0	158.7	,,	
16	0	Is	8n s	3.0	0	0	0	119.6	,,	
17	6cu s	0	0	2.0	0	In	In	100.6	,,	
18	0	0	0	0	0	Isw	0	103.2	,,	
19	Icu	7cu	8n	5.3	2sw	2sw	0	254.6	v. Slight	
20	0	0	0	0	0	Isw	0	155.3	,,	
21	Icu	0	0	0.3	Ine	In	0	172.5	calm	
22	2s	0	0	0.7	0	0	In	78.9	,,	
23	0	10cu s	3n s	4.3	2n	3n	2n	305.0	v. Slight	
24	2s	0	Is	1.0	In	Ine	0	133.4	,,	
25	0	Is	3cu	1.3	0	Ine	0	204.0	calm	Dew at night
26	10cu s	10cu s	10n s	10	0	Isw	3nw	302.5	,,	Drops ,, ,,
27	10cu ci	7cu ci	2n	6.3	0	2n	0	148.8	v. Slight	Dew ,, ,,
28	0	3cu ci	0	1.0	2n	In	0	176.4	,,	
29	0	0	0	0	2sw	2sw	0	290.8	,,	
30	5cu	0	0	1.7	Isw	2sw	0	169.2	,,	
31	9cu n	Icu	8cu s	6.0	Isw	2sw	0	261.2	,,	
				2.53				207.6		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	5	2	0	0	0	6	0	0	18
2:30	11	4	0	0	0	11	0	0	5
8:30	8	1	0	0	0	0	0	1	21
Totals	24	7	0	0	0	17	0	1	44